

## INTERNATIONAL SEARCH REPORT

IB2004/052671

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 H03L7/087 H03L7/113

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03L H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 03/081779 A (GENESIS MICROCHIP INC; GRUSHIN, STANISLAV) 2 October 2003 (2003-10-02) page 9, line 6 - page 18, line 29; figures 5-8	1,7,8, 10,15,16
Y	US 5 511 100 A (LUNDBERG ET AL) 23 April 1996 (1996-04-23) column 3, line 35 - column 7, line 4; figures 1,2	1,7,8, 10,15,16
A	US 2002/191727 A1 (STASZEWSKI ROBERT B ET AL) 19 December 2002 (2002-12-19) cited in the application the whole document	1-16
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

3 March 2005

Date of mailing of the international search report

14/03/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 353 647 B1 (WILHELMSSON MATS ET AL) 5 March 2002 (2002-03-05) column 11, line 49 - column 14, line 12; figures 12-14 -----	1-16

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